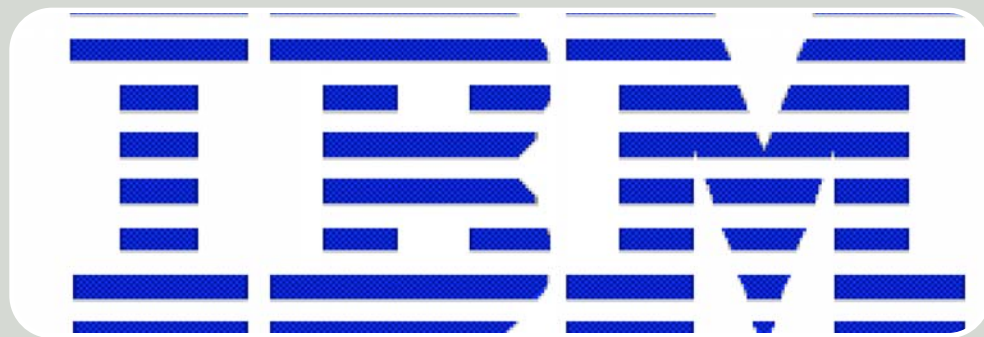


AUGUST 15, 2007

STEM

Meeting the needs of ALL
learners in the areas of:
**Science, Technology,
Engineering, and Mathematics**

FREE

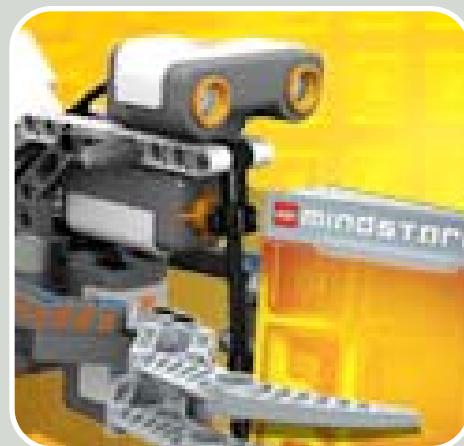


***MI-CONNECTIONS & Michigan's Integrated Technology Supports
(MITS), in collaboration with IBM present:***
TECHNOLOGY CAMP WORKSHOP FOR EDUCATORS:
MEETING THE NEEDS OF ALL STUDENTS

MiConnections Project and Michigan's Integrated Technology Supports (MITS) are offering a unique one-day train-the-trainer workshop, "*Preparing Students with In-Demand Skills for an On-Demand World.*" In this workshop, Donald McCoy, IBM Corporation engineer from Raleigh, NC, will present fun and interesting activities that will help spark and keep students' interest while enhancing rigor in the science, technology, engineering and math (STEM) areas. Mr. McCoy's presentation will reflect Michigan's new high school graduation requirements and science and math content expectations.

Workshop highlights:

- ♦ Overview of the information technology age, trends in innovation and technology, current & future careers, and skill requirements
- ♦ Introduction to activities and resources such as TryScience, Legos and basic electronics/science snap kits to teach STEM concepts
- ♦ Use of different instructional strategies and accommodations to teach a variety of learners
- ♦ Take-home materials including a *CD of Activities* from the workshop (files/downloads)
- ♦ Post-workshop technical assistance will be available from IBM once participants begin delivering the activities



WORKSHOP OBJECTIVES:

The workshop will focus on unleashing practical pedagogical uses of resources and technologies that general and special educators can apply in classrooms to meet the needs of diverse learners. Applications and topics focusing on STEM (Science, Technology, Engineering, and Mathematics) will be applied to understanding how technologies such as IBM K-12 Websites (e.g. TryScience.org), Lego Robotics, Science and Electronic Circuit Kits, Multimedia Applications, and others can be used to increase learning objectives and sharpen student achievement. Developing classroom and lab experiments that relate to standard curriculum guides and school-based goals will be shared and discussed. Examples of successful programs and initiatives covering the importance of K-12 career planning, jobs awareness, and diversity/cultural retention will be shared and discussed.

Date: August 15, 2007

Location: Park Library, Central Michigan University
Mt. Pleasant, MI 48859

Time: 10:00 AM – 5:00 PM

Cost: **FREE**

Registration Deadline: August 1, 2007 (Capacity is limited to 75 participants)

An application for SB-CEUs has been submitted.

**Online Registration available at: www.cenmi.org/mits
Look for: IBM Technology Camp Workshop**

Please contact Marcie Alling at: allingm@michigan.gov or 517.335.0390

This STEM workshop represents one of IBM's many educational and diversity outreach initiatives.

About the Presenter:

Donald McCoy is an IBM Program Manager in Corporate Human Resources, Global Workforce Diversity organization. Donald joined IBM in 1979 after earning a B.S. in Electrical Engineering Technology from Old Dominion University in Norfolk, VA. He is currently responsible for corporate Multicultural People in Technology initiatives focused on workforce development programs to Attract, Develop, and Retain technical talent. He serves on Advisory Boards and Councils addressing K-to-College student development; including the North Carolina Department of Public Instruction Technology Student Educator Association, New York Hall of Science Museum Human + Project, NC Project Lead the Way – a Duke University sponsored Pre-engineering High School program, South Carolina Advanced Technological Education National Resource Center for Engineering Technology Education, and the North Carolina State University Science House PreCollege Photonics Program.

MiConnections, Michigan's High School/High Tech initiative, has been funded through a grant awarded to the Michigan Dept. of Labor & Economic Growth/Michigan Rehabilitation Services from the Office of Disability Employment Policy, U.S. Dept. of Labor.